

DERWENT-ACC-NO: 1996-352197
DERWENT-WEEK: 199635
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TITLE: Transparent electrically conductive film - has specific high-low difference at surface, specific work function at surface, specific surface resistivity and specific visible light transparency

PATENT-ASSIGNEE: TOPPAN PRINTING CO LTD[TOPP]

PRIORITY-DATA: 1994JP-0310452 (December 14, 1994)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 08167479 A	June 25, 1996	N/A	008	H05B 033/28

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP08167479A	N/A	1994JP-0310452	December 14, 1994

INT-CL (IPC): C23C014/08; H01B005/14 ; H01B013/00 ; H05B033/28

ABSTRACTED-PUB-NO: JP08167479A

BASIC-ABSTRACT: A film has a high-low difference at the surface of 1-10 nm/ μ m², a work function at the surface of 5.1-6.0 eV, a surface resistivity of 3-50 π /in² and a visible light transparency at 450-800 nm of thickness including substrate of 75-90%.

USE - The film is suitable for planer emission film LED (light emitting diode) e.g. an organic thin film electro-luminescence element.

ADVANTAGE - The element has improved running life.

CHOSEN-DRAWING: Dwg.0/7

TITLE-TERMS:

TRANSPARENT ELECTRIC CONDUCTING FILM SPECIFIC HIGH LOW DIFFER
SURFACE SPECIFIC
WORK FUNCTION SURFACE SPECIFIC SURFACE RESISTOR SPECIFIC

VISIBLE LIGHT
TRANSPARENT

DERWENT-CLASS: L03 U12 U14 X12

CPI-CODES: L04-C10; L04-E03A;

EPI-CODES: U12-A01A; U14-J02A; X12-D02A1;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1996-111065

Non-CPI Secondary Accession Numbers: N1996-297066